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(650) 849-6666**FACSIMILE TRANSMITTAL****TO****U.S. Patent and Trademark Office****Fax No.: 703 872 9306****Phone No.: 703 308 1202****Subject:** Amendment in response to
Office Action**FROM****Name:** Lauren L. Stevens

Reg. No. 36,691

Phone No.: 650 849 6614**Fax # Verified by:** smb**# Pages (incl. this):** 14**Date:** August 9, 2004**Confirmation Copy to Follow: No****Message:**In re Application of
Eugeni A. Vaisberg et al.

Application No. 09/311,996

Filed: May 14, 1999

For: DATABASE SYSTEM INCLUDING
COMPUTER FOR PREDICTIVE
CELLULAR BIOINFORMATICS

) Group Art Unit: 1631

) Examiner: John S. Brusca

) Confirmation No.: 1991

Applicants enclose the following paper for filing in the above-referenced application:

1) Amendment (13 pages).

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By: _____

SMB
Sarah M. Barnett

PATENT

Attorney's Docket No. 09367.0052-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
VAISBERG, Eugeni A. et al.) Confirmation No. 1991
Application No. 09/311,996) Examiner: John S. BRUSCA
Filed: May 14, 1999) Group Art Unit: 1631
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CELLULAR BIOINFORMATICS)

AMENDMENT

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The following remarks are intended as a full and complete response to the outstanding Office Action mailed May 10, 2004.

Amendments to the Specification are reflected on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 9 of this paper.